



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1430  
Alexandria, Virginia 22313-1430  
www.uspto.gov



GB Data Sheet

CONFIRMATION NO. 4313

SERIAL NUMBER 10/715,149	FILING DATE 11/17/2003  RULE	CLASS 360	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. 169.12-0609
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS

David J. Larson, Northfield, MN;  
Eric W. Singleton, Maple Plain, MN;  
Declan Macken, Prior Lake, MN; Patrick John Moran, Bloomington, MN;

\*\* CONTINUING DATA ..... *AC* .....

\*\* FOREIGN APPLICATIONS ..... *AC* .....

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
\* 02/26/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	35 USC 119 (a)-(d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY MN	SHEETS DRAWING 11	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 5
---	---	------------------------	-------------------------	-----------------------	----------------------------

Verified and Acknowledged *[Signature]* *AC*  
Examiner's Signature *[Signature]* *AC*

ADDRESS  
00164  
KINNEY & LANGE, P.A.  
THE KINNEY & LANGE BUILDING  
312 SOUTH THIRD STREET  
MINNEAPOLIS, MN  
55415-1002

TITLE  
High magnetic anisotropy hard magnetic bias element

FILING FEE RECEIVED 1014	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
--------------------------------	---	---